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Datasheet for ABIN388069  
**anti-APEH antibody (N-Term)**

1 Image

Overview

Quantity:	400 µL
Target:	APEH
Binding Specificity:	AA 174-204, N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This APEH antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This APEH antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 174-204 amino acids from the N-terminal region of human APEH.
Clone:	RB18348
Isotype:	Ig Fraction
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

Target Details

Target:	APEH
Alternative Name:	APEH ( <a href="#">APEH Products</a> )

## Target Details

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**Background:** APEH is the enzyme acylpeptide hydrolase, which catalyzes the hydrolysis of the terminal acetylated amino acid preferentially from small acetylated peptides. The acetyl amino acid formed by this hydrolase is further processed to acetate and a free amino acid by an aminoacylase. APEH gene is located within the same region of chromosome 3 (3p21) as the aminoacylase gene, and deletions at this locus are also associated with a decrease in aminoacylase activity. The acylpeptide hydrolase is a homotetrameric protein of 300 kDa with each subunit consisting of 732 amino acid residues. The protein can play an important role in destroying oxidatively damaged proteins in living cells.

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**Molecular Weight:** 81225

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**Gene ID:** 327

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**NCBI Accession:** [NP\\_001631](#)

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**UniProt:** [P13798](#)

## Application Details

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**Application Notes:** WB: 1:1000

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

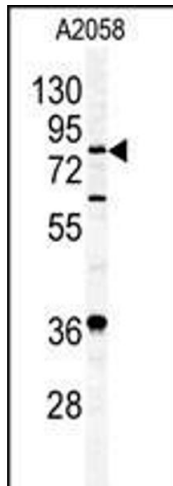
**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C,-20 °C

**Storage Comment:** Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

**Expiry Date:** 6 months



### Western Blotting

**Image 1.** Western blot analysis of EH antibody (N-term) 1255a in cell line lysates (35 µg/lane). EH (arrow) was detected using the purified Pab.